

Message

From: Voigt, Gregory [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E80FF9789CA74D23BE98383CB4F567A8-GVOIGT]
Sent: 4/20/2022 12:34:16 PM
To: Bransky, Jacob [DRBC] [Jacob.Bransky@drbc.gov]
CC: Jackson, Wayne [Jackson.Wayne@epa.gov]; John.Yagecic@drbc.gov
Subject: RE: WQAC - DRAFT document Linking Aquatic Life Uses & DO

You bet. Sounds good.



Gregory Voigt
USEPA Region III
1650 Arch Street, Mail Code 3WD42
Philadelphia, PA 19103
Phone 215-814-5737

From: Bransky, Jacob [DRBC] <Jacob.Bransky@drbc.gov>
Sent: Wednesday, April 20, 2022 8:32 AM
To: Voigt, Gregory <Voigt.Gregory@epa.gov>
Cc: Jackson, Wayne <Jackson.Wayne@epa.gov>; John.Yagecic@drbc.gov
Subject: RE: WQAC - DRAFT document Linking Aquatic Life Uses & DO

Thanks Greg! I will let you know if we have any further questions.

From: Voigt, Gregory <Voigt.Gregory@epa.gov>
Sent: Wednesday, April 20, 2022 8:29 AM
To: Bransky, Jacob [DRBC] <Jacob.Bransky@drbc.gov>
Cc: Jackson, Wayne <Jackson.Wayne@epa.gov>; Yagecic, John [DRBC] <John.Yagecic@drbc.gov>
Subject: [EXTERNAL] RE: WQAC - DRAFT document Linking Aquatic Life Uses & DO

Morning Jake. Our 1985 guidance on deriving aquatic life criteria speaks to this:

<https://www.epa.gov/sites/default/files/2016-02/documents/guidelines-water-quality-criteria.pdf>

p.9 "The Criterion Maximum Concentration is intended to protect 95 percent of a group of diverse genera, unless a commercially or recreationally important species is very sensitive."

Let us know if you wish to discuss further.



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From: Bransky, Jacob [DRBC] <Jacob.Bransky@drbc.gov>
Sent: Wednesday, April 20, 2022 7:54 AM
To: Voigt, Gregory <Voigt.Gregory@epa.gov>
Cc: Jackson, Wayne <Jackson.Wayne@epa.gov>; John.Yagecic@drbc.gov
Subject: RE: WQAC - DRAFT document Linking Aquatic Life Uses & DO

Hi Greg,

I have a question on one of EPA's comments from the first round that you sent. The comment is quoted below and we are particularly interested in the highlighted portion.

"EPA notes that aquatic life criteria are typically not developed to be protective of 100% survival, however DRBC has the discretion to be more conservative in its approach."

Are you aware of any documentation (either from EPA or elsewhere) that we would be able to cite if we were to make a similar statement as part of our analysis of attainability?

Thanks,
Jake

From: Voigt, Gregory <Voigt.Gregory@epa.gov>
Sent: Monday, April 11, 2022 9:16 AM
To: Bransky, Jacob [DRBC] <Jacob.Bransky@drbc.gov>
Cc: Jackson, Wayne <Jackson.Wayne@epa.gov>; Yagecic, John [DRBC] <John.Yagecic@drbc.gov>
Subject: [EXTERNAL] RE: WQAC - DRAFT document Linking Aquatic Life Uses & DO

Thanks Jake.



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From: Bransky, Jacob [DRBC] <Jacob.Bransky@drbc.gov>
Sent: Monday, April 11, 2022 8:18 AM
To: Voigt, Gregory <Voigt.Gregory@epa.gov>
Cc: Jackson, Wayne <Jackson.Wayne@epa.gov>; John.Yagecic@drbc.gov
Subject: RE: WQAC - DRAFT document Linking Aquatic Life Uses & DO

Hi Greg, No worries. We appreciate the additional comments and will take them into consideration.

From: Voigt, Gregory <Voigt.Gregory@epa.gov>
Sent: Friday, April 8, 2022 4:33 PM
To: Bransky, Jacob [DRBC] <Jacob.Bransky@drbc.gov>
Cc: Jackson, Wayne <Jackson.Wayne@epa.gov>; Yagecic, John [DRBC] <John.Yagecic@drbc.gov>
Subject: [EXTERNAL] RE: WQAC - DRAFT document Linking Aquatic Life Uses & DO

Jake, if it's not too late, below are additional comments from our freshwater biology team out in Wheeling, WV. Totally understand if the ship has already sailed. I'll do better about coordinating internally next go-round. Thanks.

Literature Review (2nd paragraph) Use of the term '... data sought throughout the methodology were from appropriate scientific or published sources ...

The data in the Draft Linking Aquatic Life Uses with Dissolved Oxygen Conditions in the Delaware River Estuary (Draft Report) is sourced from A Review of Dissolved Oxygen Requirements for Key Sensitive Species in the Delaware Estuary (2017). If literature was excluded from this document and therefore not used in the Draft Report, could DRBC explain which literature sources were excluded, and why? Who determined if the literature was appropriate scientific or published sources? How was it determined if a scientific source was reliable or not reliable? Or were there instances for certain species/life stages where there simply was no information (good, bad or otherwise) available. There are many NV (no values) listed for life stages of species in the appendix. This lack of information is not apparent in the plots of the appendix – it looks as though only the known values are included.

Table 1. 3 comments:

The EPA 2003 document was updated in 2017. Why was the 2003 version used and cited?

https://www.chesapeakebay.net/documents/2017_Nov_ChesBayWQ_Criteria_Addendum_Final.pdf

Page 3. Paragraph below Table 1. Please clarify 'interpretative analysis of available data' And provide written justification of the data not used.

Page 5. Justify the use of the 1st percentile in this assessment. If what you are proposing is a instantaneous minimum, maybe we should be looking at monthly minimums in that reach by season. Or seasonal minimums?



Gregory Voigt
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From: Voigt, Gregory

Sent: Monday, March 28, 2022 2:42 PM

To: Bransky, Jacob (DRBC) <jacob.bransky@drbc.gov>

Cc: Jackson, Wayne <jackson.wayne@epa.gov>; john.yagecic@drbc.gov

Subject: FW: WQAC - DRAFT document Linking Aquatic Life Uses & DO

Hi Jake, attached are EPA's comments on the subject report (which is also attached – no comments are embedded). Thanks for allowing us an opportunity to review.



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From: Yagecic, John [DRBC] <John.Yagecic@drbc.gov>

Sent: Friday, March 4, 2022 10:09 AM

To: Barron, Thomas <tbarron@pa.gov>; Klapinski, Frank <Frank.Klapinski@dep.nj.gov>; Gaylord, Brent <Gaylord.Brent@epa.gov>; jkackson@stroudcenter.org; Lai, Kuo-Liang <Lai.Kuo-Liang@epa.gov>; bplennon@wilmingtonde.gov; Ruiter, J. B <j.bart.ruiter@chemours.com>; keepermaya@delawareriverkeeper.org; david.wolanski@state.de.us; richard.evans@nps.gov; Sarah Rickard <sarah.rickard@dec.ny.gov>; jason.cruz@phila.gov; Kundrat, Matthew <mkundrat@pa.gov>; Biswarup Guha <Biswarup.Guha@dep.nj.gov>; peter.sharpe@nps.gov; Kimberly.Long@exeloncorp.com; yaso.sivaganesh@dep.nj.gov; gail@wwa.org; gail@wissahickontrails.org; Stephen.Williams <Stephen.Williams@delaware.gov>; bhanu.paudel@delaware.gov
Cc: Shallcross, Amy [DRBC] <Amy.Shallcross@drbc.gov>; Adam Griggs <agriggs@rivernetwork.org>; andrew.thuman@hdrinc.com; Angela Padeletti <apadeletti@delawareestuary.org>; Bentley, Katherine <bentley.katherine@epa.gov>; BGotanda@mankogold.com; Biswarup Guha <Biswarup.Guha@dep.nj.gov>; Borsuk, Frank <borsuk.frank@epa.gov>; Friedman, Bruce [DEP] <Bruce.Friedman@dep.nj.gov>; Charles.Hauser@arcadis.com; Christopher.Main@state.de.us; ckocher@wildlandspa.org; CWalters@rivernetwork.org;

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Subject: WQAC - DRAFT document Linking Aquatic Life Uses & DO

Dear Water Quality Advisory Committee Members and Participants,

Enclosed please find a draft document entitled "Linking Aquatic Life Uses with Dissolved Oxygen Conditions in the Delaware River Estuary" provided for your review and comment.

Please provide comments directly to Jake Bransky at Jacob.Bransky@drbc.gov **by March 28, 2022**.

Thanks,
John Yagecic

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**John Yagecic, P.E.**  
Manager, Water Quality Assessment  
Delaware River Basin Commission  
25 Cosey Rd., West Trenton, NJ 08628

609-883-9500 x271 (Currently working remotely, please use email)